

MD 355 IS ASSUMED TO RUN IN
A NORTH/SOUTH DIRECTION

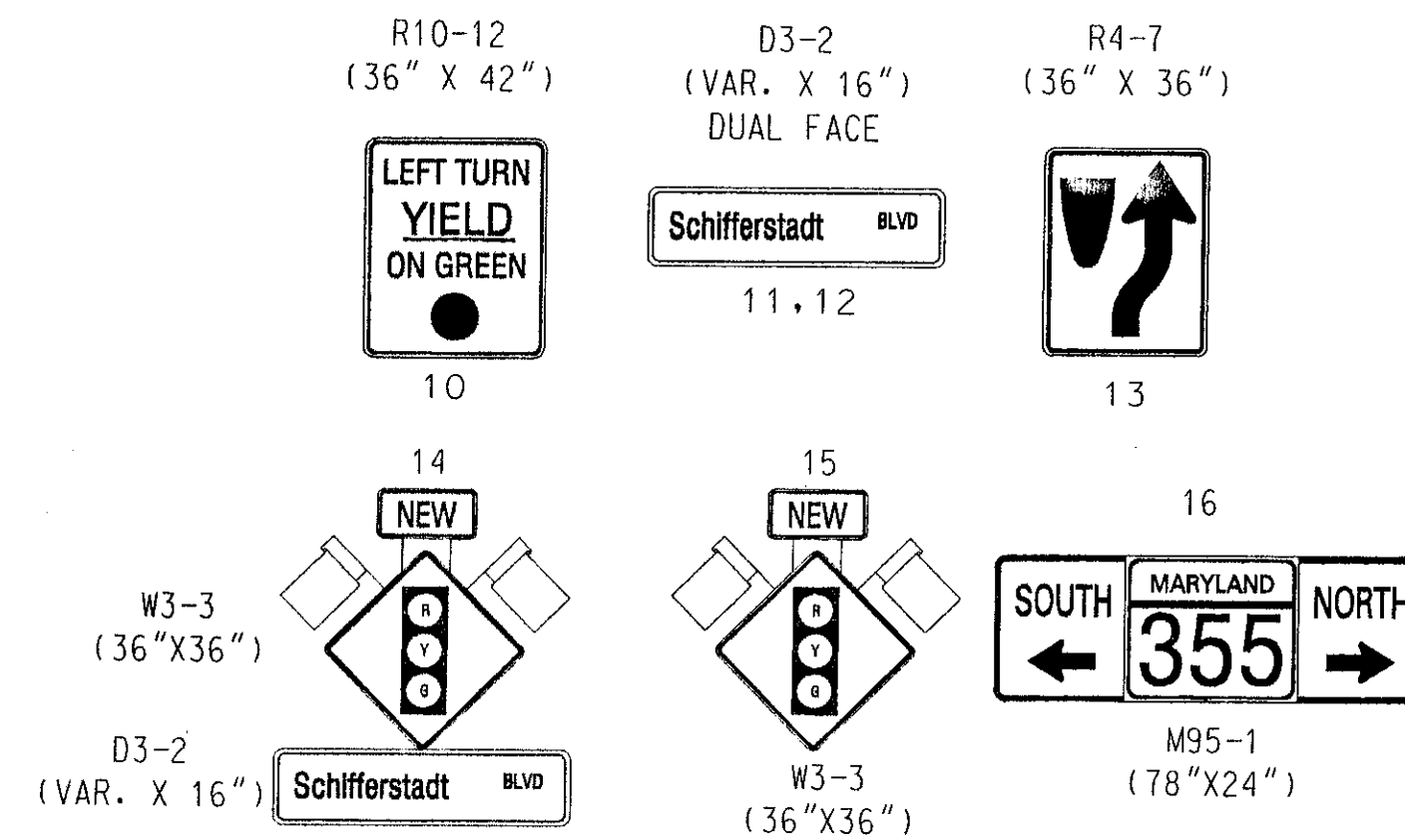
PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE MODIFICATION OF AN EXISTING TRAFFIC SIGNAL AT THE INTERSECTION OF MD 355 AT SCHIFFERSTADT BOULEVARD IN FREDERICK COUNTY.

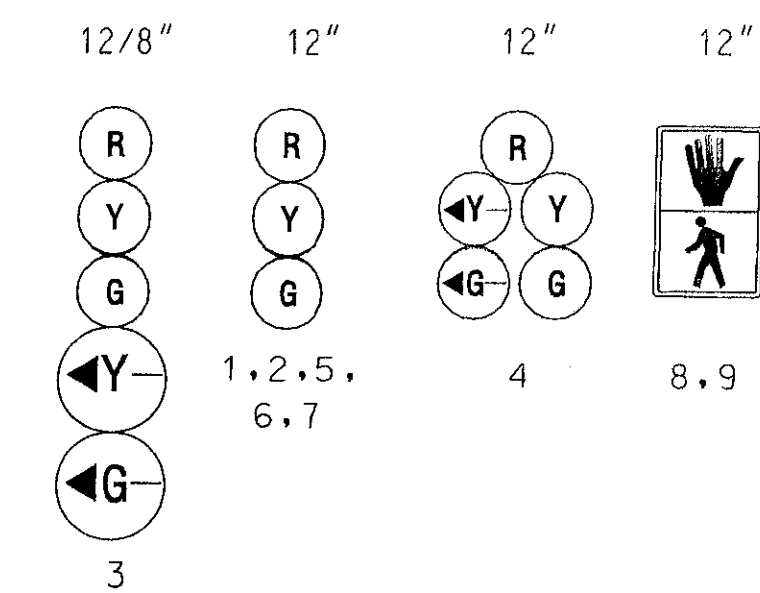
INTERSECTION OPERATION

THE MODIFICATION CONSISTS OF REPLACING THE EXISTING 10' PEDESTAL POLE WITH A NEW 14' PEDESTAL POLE. THE EXISTING NEAR-SIDE 5-SECTION SIGNAL HEAD PRESENTLY LOCATED ON THE UPRIGHT WILL BE REMOVED AND A NEW FIVE-SECTION SIGNAL HEAD WILL BE INSTALLED ON NEW POLE WITH EXISTING PEDESTRIAN SIGNAL HEAD.

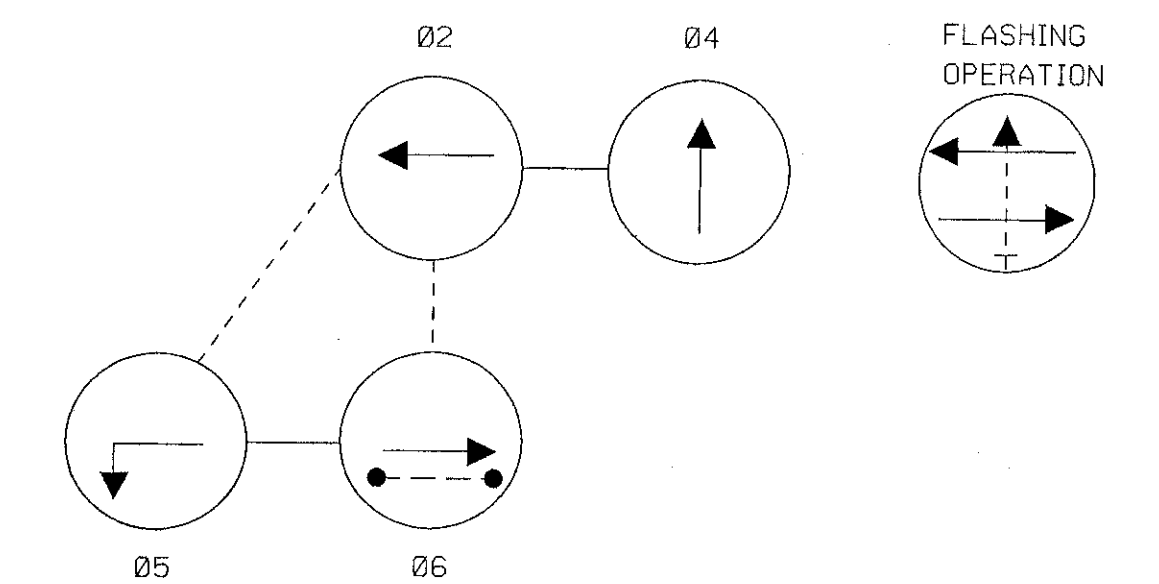
SIGNS



SIGNALS

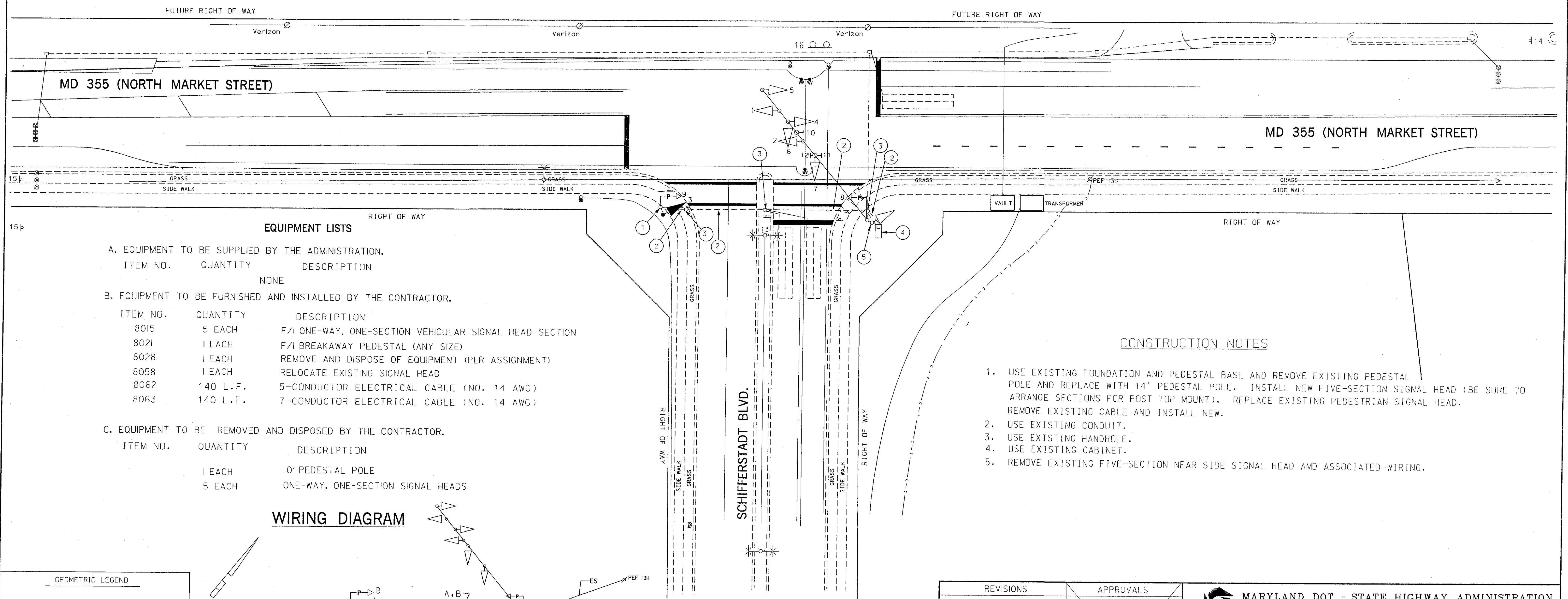


NEMA PHASING



NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY

NOTE: SIGNAL HEAD NO. 3 IS PROPOSED. ALL OTHERS
ARE EXISTING AND WILL REMAIN.



EQUIPMENT LISTS

A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION.

ITEM NO.	QUANTITY	DESCRIPTION
	NONE	

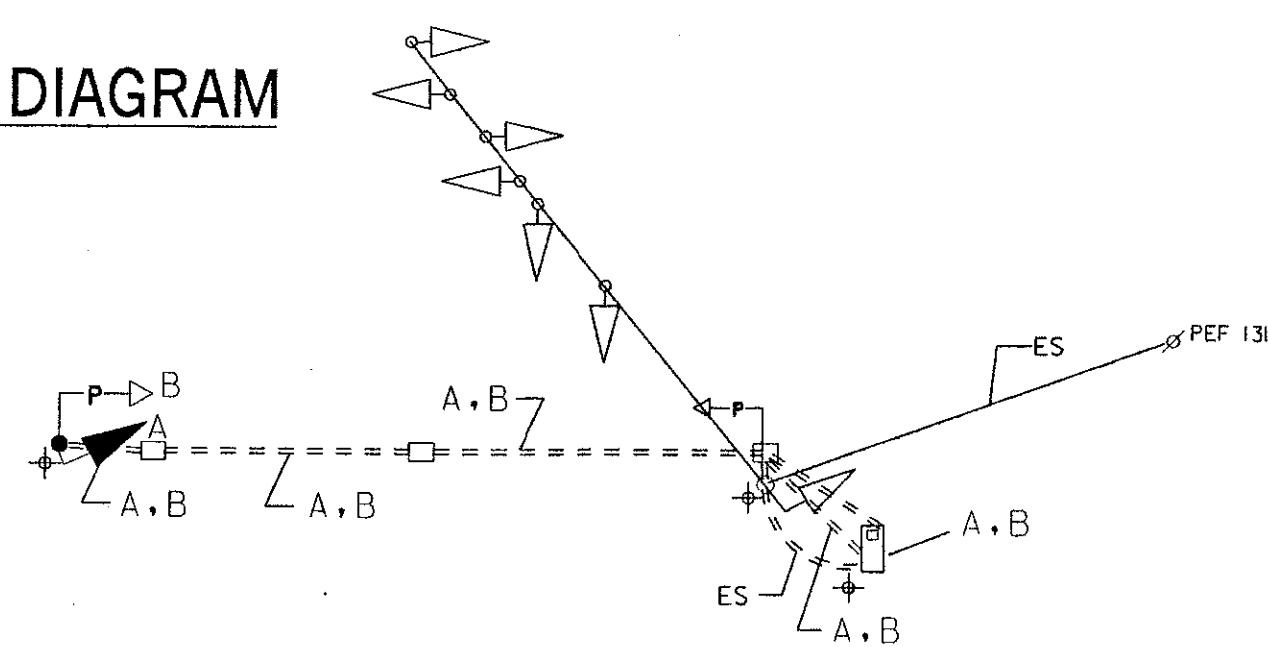
B. EQUIPMENT TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR.

ITEM NO.	QUANTITY	DESCRIPTION
8015	5 EACH	F/I ONE-WAY, ONE-SECTION VEHICULAR SIGNAL HEAD SECTION
8021	1 EACH	F/I BREAKAWAY PEDESTAL (ANY SIZE)
8028	1 EACH	REMOVE AND DISPOSE OF EQUIPMENT (PER ASSIGNMENT)
8058	1 EACH	RELOCATE EXISTING SIGNAL HEAD
8062	140 L.F.	5-CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG)
8063	140 L.F.	7-CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG)

C. EQUIPMENT TO BE REMOVED AND DISPOSED BY THE CONTRACTOR.

ITEM NO.	QUANTITY	DESCRIPTION
	1 EACH	10' PEDESTAL POLE
	5 EACH	ONE-WAY, ONE-SECTION SIGNAL HEADS

WIRING DIAGRAM



CONSTRUCTION NOTES

1. USE EXISTING FOUNDATION AND PEDESTAL BASE AND REMOVE EXISTING PEDESTAL POLE AND REPLACE WITH 14' PEDESTAL POLE. INSTALL NEW FIVE-SECTION SIGNAL HEAD (BE SURE TO ARRANGE SECTIONS FOR POST TOP MOUNT). REPLACE EXISTING PEDESTRIAN SIGNAL HEAD. REMOVE EXISTING CABLE AND INSTALL NEW.
2. USE EXISTING CONDUIT.
3. USE EXISTING HANDHOLE.
4. USE EXISTING CABINET.
5. REMOVE EXISTING FIVE-SECTION NEAR SIDE SIGNAL HEAD AND ASSOCIATED WIRING.

GEOMETRIC LEGEND

===== EXISTING

UTILITY LEGEND

SD - STORM DRAIN
G - GAS MAIN
W - WATER MAIN
S - SEWER MAIN
E - ELECTRIC CABLES
A - AERIAL CABLES
T - TELEPHONE CABLES
C-T - CABLE TV

WIRING KEY

A - 7 CONDUCTOR CABLE (NO. 14)
B - 5 CONDUCTOR CABLE (NO. 14)
ES - EXISTING SERVICE

REVISIONS

APPROVALS

ORIGINAL

NOTED

ON

PLAN

(A) RELOCATION OF EXISTING
SIGNAL INDICATION
01-2000
MEL

4/02
DIRECTOR, OFFICE OF TRAFFIC & SAFETY



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNAL PLAN

MD 355 (NORTH MARKET STREET) AND
SCHIFFERSTADT BOULEVARD

DRAWN BY: M. RAFFLE
CHECKED BY: S. RENZI
SCALE: 1" = 20'
DATE: MAY, 2001

F.A.P. NO. 4105
S.H.A. NO. 2385412502810
COUNTY: FREDERICK
LOC MILE:

TS NO. 4105
T.I.M.S. NO. E-590 A
SHEET NO. 1 OF 1